

Title (en)

FURROW FORMING APPARATUS FOR A SEED PLANTER

Publication

EP 0052641 B1 19850116 (EN)

Application

EP 81901628 A 19810415

Priority

US 15397480 A 19800528

Abstract (en)

[origin: WO8103410A1] A planting apparatus to be towed that includes a frame supported, rotatably mounted, pair of furrow forming disks (47, 48) that are arranged to substantially contact each other at the approximate point of entry into the soil and diverge apart rearwardly and upwardly. A frame supported, rotatable gauge wheel (62, 67) located adjacent each disk. Conventional gauge wheel designs collapse relatively dry furrow walls upon the planted seed. The improvement comprises each gauge wheel (62, 67) having a radially inwardly located recessed lip (74) immediately adjacent the disk to trap soil removed from the furrow to form a mound (74a) of moist and substantially uncompacted soil along the edge of the furrow.

IPC 1-7

A01C 5/06

IPC 8 full level

A01C 5/06 (2006.01)

CPC (source: EP US)

A01C 5/06 (2013.01 - EP US); **A01C 5/068** (2013.01 - EP US)

Citation (examination)

- US 2685243 A 19540803 - COLE CLYDE C
- FR 2427769 A1 19800104 - DEERE & CO [US]
- US 1901299 A 19330314 - JOHNSON BEN P
- US 2258626 A 19411014 - SATROM PHILIP W R

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 8103410 A1 19811210; AR 225947 A1 19820514; EP 0052641 A1 19820602; EP 0052641 A4 19820910; EP 0052641 B1 19850116; HU 189527 B 19860728; US 4493274 A 19850115; ZA 81885 B 19820630

DOCDB simple family (application)

US 8100518 W 19810415; AR 28445881 A 19810227; EP 81901628 A 19810415; HU 236181 A 19810415; US 15397480 A 19800528; ZA 81885 A 19810210